NOTICE

Opening of an international competition for the recruitment of 1 Principal Researcher(s) with a PhD, for a scientific research career under private law regime

Under the terms of paragraph d) of no. 1 of Order no. 181/2023, of 04 January, the Director of the Faculty of Science and Technology of Universidade NOVA de Lisboa, Prof. Dr. José Júlio Alves Alferes, hereby announces that, by order of the Rector of Universidade NOVA de Lisboa, Prof. Dr. João Sáágua, dated 20/11/2023, an international call for applications is open, for a period of 15 working days from the date of publication of this Notice in the Diário da República, an international call for tenders, internal reference DO_LAQV-IP-2023-EQB-QS, for the recruitment of 1 Principal Researcher(s) with a PhD for a research career under private law, on an open-ended individual employment contract, under the terms of the Labour Code and under Regulation no. 393/2018 of 28 June 2018, in the scientific area of Chemical and Biological Engineering, and sub-area Sustainable Chemistry, within the scope of the project Associated Laboratory for Green Chemistry - Clean Technologies and Processes, project reference LA/P/0008/2020, funded by the Foundation for Science and Technology, I.P., to be developed by the institution Associated Laboratory for Green Chemistry - Clean Technologies and Processes (LAQV).

This tender is governed by the provisions of Regulation no. 393/2018, of 28 June, (Regulation on the careers, recruitment and employment contracts of Researchers under the employment contract regime of the New University of Lisbon).

In compliance with paragraph h) of article 9 of the Constitution of the Portuguese Republic, Universidade NOVA de Lisboa, as an employer, actively promotes a policy of equal opportunities between men and women in access to employment and professional progression, scrupulously providing in order to avoid any and all forms of discrimination.

I - Workplace:

The place of work will be at the facilities of the Faculty of Science and Technology of NOVA University Lisbon, located on the Caparica Campus, Almada, and the employee must make all journeys, in Portugal or abroad, inherent to their duties or necessary to carry out their activity.

II – Activities and Functions:

1. FCT NOVA was awarded the Associated Laboratories project, from 01/01/2021 to 31/12/2025, with the aim of hiring PhD researchers.

2. The selected candidate will work as a Principal Researcher at FCT NOVA, and will carry out the following tasks:

   The Leading Researcher will be responsible for the design, development and execution of scientific research work that is aligned with LAQV-REQUIMTE’s strategy and the sustainable objectives of the 2030 Agenda. In this context, the work to be developed should focus on at least one of the following topics: porous functional materials and/or nanomaterials; solvents and alternative reaction media including ionic liquids, eutectic solvents or supercritical fluids; and/or processes in sustainable chemical engineering. The PhD researcher should have proven experience in the development or use of new sustainable solvents, production routes and/or processes for the production of renewable...
energy and/or sustainable products in the face of the problems of global warming and resource depletion.

The Leading Researcher shall be recruited under private law and full dedication, which implies the renunciation of the exercise of any public or private remunerated function or activity, including the exercise of a liberal profession, and the rules established in article 52 of the Statute of the Scientific Research Career shall apply.

III - Remuneration positioning:

In accordance with Regulation no. 393/2018, of 28 June, the contract to be signed will have the basic value of € 3,775.83 corresponding to the 1st remuneration position, remuneration level 62A.

IV – Applicant Admission Requirements

In accordance with paragraph 1 of article 11 of the Statute of the Scientific Research Career (ECIC - Decree-Law no. 124/99, of 20 April) of Portugal, it is a general requirement for applying to the present recruitment process, to hold a PhD degree and to have a relevant scientific curriculum in the area of the call.

Therefore, candidates to the present recruitment procedure must hold:

a) A PhD in the area of Chemical Engineering or related areas;

b) A scientific and professional curriculum showing a profile appropriate to the activity to be developed, including extensive international professional experience in:

i. The development or use of solvents and alternative reaction media including ionic liquids, eutectic solvents or supercritical fluids; and/or processes in sustainable chemical engineering with a minimum of 10 years of postdoctoral proven experience;

ii. The development or use of new materials, production routes and/or processes in the areas mentioned in point 2 of this call for proposals;

iii. Scientific productivity with a minimum of 50 articles indexed in WoS;

iv. Coordinating research projects.

c) Other requirements: Teaching, tutoring and mentoring of students will be valued. A good command of the English language, motivation for research, good working capacity and initiative will be considered essential.

V – Application instructions

1. The application must be instructed by filling in the respective application form, which is available at https://www.fct.unl.pt/faculdade/concursos/investigadores.

2. The application process must be accompanied by documentation in Portuguese or English.

3. The application should be submitted preferably by email, in person or by post, containing the following documents:

a) Curriculum vitae of the candidate, which must include:

   i) The identifications “Researcher ID”, “Scopus Author ID” and “Google Scholar ID”.
ii) Research and development activities and all other activities considered relevant to this tender procedure, in accordance with the terms of this announcement.

iii) Scientific and technological development plan – the candidate must present, in a concise way (max. 2 pages), a scientific and technological development plan framed in the subject area of the competition, in accordance with the activities and functions to be performed and articulated with the results of their scientific activity and previous professional experience, as well as their academic and professional training.

b) Certificate proving the Doctor's degree in the disciplinary area or similar to which the competition relates;

c) Published works, mentioned in the curriculum vitae, namely the most representative ones, with regard to their contribution to the development and evolution of the disciplinary area in which the competition is opened;

d) Declaration, under oath, that if the jury chooses to request the documentation indicated in the previous paragraphs or any other scientific documentation mentioned in the candidate's curriculum vitae, it will be delivered within 10 working days;

e) Other documents that candidates deem relevant for the analysis of their application.

4. If a member who is not fluent in Portuguese participates in the jury, the pronunciation documents must necessarily be presented in English in the context of the prior hearing of candidates and complaints that must be considered by the jury.

5. In order to be valid, the applications must be accompanied by the documents listed in paragraph 3 otherwise they will be excluded.

VI – Presentation of the application

1. The documents supporting the application must be submitted by the 15th working day, counting from the day following the publication of this Notice in the Diário da República.

2. Candidates will submit their application documents by email to the following address: div.rh.recruta.ndoc@fc.t.unl.pt.

VII - Reasons for exclusion

The following are grounds for exclusion from the competition

a) Failure to fulfil the general requirements;

b) Incorrect formalisation of the application;

c) Failure to submit the documents required in point VI.3, or submitting them illegibly, incorrectly or invalidly.

VIII - Evaluation parameters

1. In this call the candidates' ability and performance will be evaluated in the various parameters under the terms of article 16 of ECIC.

2. The curricular evaluation of the various candidates in each of the parameters described below shall take into consideration the scientific area in which the call is open.
3. The parameters to be taken into consideration in the curricular evaluation of the candidates, in each of the sections, are as follows:
   a) Quality of scientific and technical work (QSTW);
   b) Professional experience and training (PET);
   c) Contributions in scientific supervision activities (CSA);
   d) Participation in management bodies (PMB);
   e) Provision of services to the community (PSC);
   f) Scientific and technological development plan (STDP).

IX - Interview
1. The Jury will deliberate at the first meeting on the need to carry out an interview with all the candidates.
2. The purpose of the interview is to obtain clarification or make explicit elements contained in the candidates' Curriculum vitae.

X - Classification by absolute merit of candidates
1. In accordance with paragraph 1 of article 27 of the ECIC, the jury will deliberate on the admissibility on absolute merit of the candidates, by justified nominal vote, expressed by the formulas Rejected or Approved.
2. Each member of the jury presents a justified rejection or approval proposal for each of the candidates, in accordance with paragraph 1 d) of article 19 of the ECIC.
3. The candidate who succeeds in obtaining a favorable vote of more than half of the members of the jury is considered approved on absolute merit.

XI- Ordering and voting methodology
1. Once the candidates who have passed in absolute merit have been identified, the jury will proceed to rank them in relative merit.
2. Each member of the jury shall perform a curricular evaluation of the candidates by presenting a written opinion, to be later included in the minutes, in which they propose the ordering of the candidates based on the evaluation criteria indicated in this notice, scoring each candidate for each criterion on a numerical scale from 0 to 100 points.
3. The evaluation criteria indicated shall be weighted as follows:

   a) Quality of scientific and technical work (QSTW): 45%
      Scientific production in the subject area of the call for applications; the relevance of the results obtained by the candidate will be considered, with great emphasis on the work indicated by the candidate as his/her most significant contributions to the advancement of knowledge in the area for which the call for applications is open.

   b) Professional experience and training (PET): 15%
      Participation in relevant scientific projects in the subject area of the call for applications; the candidate's previous experience and potential to constructively and effectively coordinate and
integrate nationally and internationally funded projects in the subject area of the call for applications will be considered.

c) Contributions to scientific orientation activities (CSA): 10%

Experience in teaching and advanced training, namely in the supervision of postgraduate students in the scientific area of the call for applications.

d) Participation in management bodies (PMB): 3%

Participation and performance in tasks attributed by the management bodies of the institutions to which they were connected.

e) Provision of services to the community (PSC): 10%

Performance of tasks involving the economic and social valorization of knowledge, namely through community service provision. Extension and dissemination activities of scientific knowledge, namely in the organization of courses, seminars and conferences.

f) Scientific and technological development plan (STDP): 17%

Career development plan, concerning the lines of research in the area for which this competition is open and to which the candidate proposes to devote himself at LAQV; obeying the following requirements:

i) Presentation of the main problems to which he intends to devote his future research, contextualizing them in the current state of the art in these areas;

ii) Systematized and succinct description of the research strategies that the candidate proposes to adopt, to develop his research and solve or contribute to solving the problems he enunciates;

iii) Explanation of the reasons and motivations for his choices. The career development plan must not exceed more than 5 pages of A4 size, written in 12 pt font size.

4. The ordering of the Approved candidates is done by voting of the members of the jury, respecting the ordering presented in the opinion referred to in the previous number, in the following terms:

a) The first vote is intended to determine the candidate to be placed in first place;

b) In the voting referred to in the previous paragraph, if a candidate obtains more than half of the votes to be placed in first place, he will be ranked in this position;

c) If the situation referred to in the previous paragraph does not occur, a new vote is held, only among the candidates who obtained votes for 1st place, after removing the candidate least voted for that place in the previous vote;

d) If there is more than one candidate to be withdrawn, due to an equal number of votes, with a minimum of one vote each, a vote is held only on these candidates to determine the candidate to be withdrawn from the next vote; in this voting, each member will vote, among the candidates with equal votes, for the candidate who occupies the lowest position in the ordering contained in his/her opinion;

e) If there is a tie, the tiebreaker is done through the tiebreaker vote or casting vote of the president of the jury, under the terms of paragraph 3 of article 19 of the ECIC.
f) Voting is repeated until it is determined, by the procedure described above, which candidate to rank first. If there are only two candidates left and each one of them gets half of the votes, the tiebreaker is done through the casting vote of the president of the jury;

g) Once the candidate for first place is chosen, he is removed from the voting and the whole process is repeated for second place and so on until an ordered list of all candidates is obtained.

XII – Notifications and Hearing of Interested Parties

1. There is a prior hearing, under the terms of the Code of Administrative Procedure, of candidates who have been rejected, and of candidates ordered in place of the ordering list of candidates that cannot be provided in the job position in the competition. All candidates are notified of the homologation of the jury's final deliberation.

2. Notifications are made by email.

3. The tender process can be consulted by the candidates, at the Human Resources Division of FCT NOVA, under the terms indicated in the aforementioned notification.

XIII – Jury composition

President:
Doctor Ana Isabel Nobre Martins Aguiar de Oliveira Ricardo, Full Professor of the Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa.

Vowels:
Doctor Andrew Peter Abbott, Full Professor of Faculdade de Chemistry of Universidade de Leicester;
Doctor Carlos Alberto Nieto de Castro, Retired Full Professor of Faculdade de Ciências of Universidade de Lisboa:
Doctor Maria Teresa Nogueira Leal da Silva Duarte, Full Professor of Instituto Superior Técnico of Universidade de Lisboa;
Doctor João Filipe Colardelle da Luz Mano, Full Professor of Faculdade de Química of Universidade de Aveiro;
Doctor Ana Isabel Nobre Martins Aguiar de Oliveira Ricardo, Full Professor of the Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa.

XIV - Final decision

1. The jury's final decision will be ratified by the Director of FCT NOVA, who will also decide on the hiring process.

2. All candidates will be notified of the final decision of the selection board.

XV - Data Protection

In accordance with the RGPD – General Data Protection Regulation, the data collected will be processed exclusively for the processing of the application.
XVI - Final provisions and interpretative prevalence

1. It is up to the Jury to decide how this procedure is to be carried out, and on any doubts or complaints, in the light of Regulation no. 393/2018, of 28 June, and the applicable provisions of the Code of Administrative Procedure.

2. For interpretative purposes, in the event of doubt, the text of the notice published in Portuguese shall prevail over the notice published in English.

This Notice is published for the record.

The Dean - Prof. Doctor José Alferes